

Wild Stocks

Strain	Organism	Notes
G3	<i>Anopheles gambiae</i>	wild type, TEP1 s/s, G3 is primarily a Savanna type stock, wild eye color, polymorphic at collarless
ASEMBO1	<i>Anopheles gambiae</i>	wild type, permethrin susceptible, ASEMBO1 is both Mopti/Savanna
MOPTI	<i>Anopheles gambiae</i>	wild type, Mopti type stock
KISUMU1	<i>Anopheles gambiae</i>	wild type, permethrin susceptible, KISUMU1 is Savanna type, insecticide susceptible standard
STE2	<i>Anopheles stephensi</i>	wild type, wild eye color
EBRO	<i>Anopheles atroparvus</i>	identified species according to local morphological criteria
F1	<i>Anopheles freeborni</i>	wild type, wild eye and body color, excellent sporozoite-producer strain
FAR1	<i>Anopheles farauti</i>	wild type, wild eye and body color
KGB	<i>Anopheles arabiensis</i>	wild type; polymorphic 2Ra and 2Rb inversions, 2La .
ORLANDO	<i>Anopheles quadrimaculatus</i>	wild type, wild eye and body color, robust representative of <i>A. quadrimaculatus</i> s.s.
STECLA	<i>Anopheles albimanus</i>	wild eye color, polymorphic for stripe+, L4s susceptible to propoxur when treated at 20 ppm for 1 hr.
SKUQUA	<i>Anopheles quadriannulatus</i>	wild type, <i>Anopheles gambiae</i> complex member
WRAIR2	<i>Anopheles dirus</i>	wild type, maintained by force-copulation
MINIMUS1	<i>Anopheles minimus</i>	wild type, <i>An. minimus</i> type A.

Insecticide Resistance

Strain	Organism	Insecticide	Notes
ZANU	<i>Anopheles gambiae</i>	DDT	DDT resistance conferred by glutathione-S-transferase mechanism
RSP	<i>Anopheles gambiae</i>	Permethrin	KDR, and cytochrome P450 resistance mechanisms, and oxidase activity
RSP-ST	<i>Anopheles gambiae</i>	Permethrin	KDR sodium channel mutation allele and GST resistance mechanisms
IN22C+	<i>Anopheles gambiae</i>	Dieldrin	Suppresses recombination over most of chromosome 2
P+DLRC+R+	<i>Anopheles gambiae</i>	Dieldrin	wild eye, dieldrin resistance conferred by GABA mutation
P+DLRC	<i>Anopheles gambiae</i>	Dieldrin	dieldrin resistance conferred by GABA mutation, collarless, wild eye

PWDLRC+	<i>Anopheles gambiae</i>	Dieldrin	white eye, dieldrin resistance conferred by GABA mutation; collarless ^{a+}
SENN	<i>Anopheles arabiensis</i>	Dieldrin	Dieldrin resistance conferred by Rdl locus mutation - GABA receptor region.

Transgenic

Strain	Organism	Notes
P-BAC-0	<i>Anopheles gambiae</i>	eGFP expression particularly in the anterior stomach and distal lobes of salivary glands
IV	<i>Anopheles stephensi</i>	L4s of this stock showed GFP expression primarily in gastric cecae and the posterior stomach
VD12	<i>Anopheles stephensi</i>	L4s of this stock showed GFP expression primarily in gastric cecae and the posterior stomach
VD14	<i>Anopheles stephensi</i>	L4s of this stock showed GFP expression primarily in gastric cecae and the posterior stomach
SRtTA	<i>Anopheles stephensi</i>	SRtTA is homozygous for Actin 5C-eGFP marker with an autosomal insertion of a reverse tTA which is controlled by a serpin 10 promoter fragment
StTA/tetOPLacZ	<i>Anopheles stephensi</i>	This strain is double marked with an Actin 5c-eGFP and an Actin 5C-dsRed1 marker

Encapsulation Effect

Strain	Organism	Notes
L3-5	<i>Anopheles gambiae</i>	encapsulates numerous species of Plasmodia, collarless and wild eye-color
4ARR	<i>Anopheles gambiae</i>	Plasmodium oocysts of numerous species develop normally,<5% of oocysts in 15 were encapsulated.

Mutants

Strain	Organism	Body Color	Eye Color	Notes
M2	<i>Anopheles gambiae</i>	wild	white	phenotypically c ^{a1} due to white mutation epistasis over c ^{a+} expression
M5	<i>Anopheles gambiae</i>	wild	white	phenotypically c ^{a1} due to white mutation epistasis over c ^{a+} expression
CHR	<i>Anopheles gambiae</i>	wild	red/wild	larvae remain pale when cultured in black containers, cc-, hom1, with red eyes darkening to wild type in 48 hr. old adults
DARK1	<i>Anopheles gambiae</i>	dark	wild	majority of larvae are dark colored. Pupae greenish.
BLACK1	<i>Anopheles gambiae</i>	dark	wild	L4 and pupae have greenish body color, dark head capsule, setae, saddle
RMOSPW	<i>Anopheles gambiae</i>	wild	mosaic	variegated eye-color consisting of red patches against a white background
P5CR	<i>Anopheles gambiae</i>	wild	orange	eye color orange due to interaction of p ^{a5} and r ^{a1} alleles.
HOM1C	<i>Anopheles</i>	wild	wild	'homochromy1' mutation radiation induced. Locus is on chromosome 2

	<i>gambiae</i>			
ROSEYE	<i>Anopheles quadrimaculatus</i>	wild	dark pink	pleiotropism suggest this mutation is in a 'white' homologue
GOCUT	<i>Anopheles quadrimaculatus</i>	golden	wild	all stages are pale and golden-colored including eggs
GREEN1	<i>Anopheles stephensi</i>	dark green	wild	Chromosome 2 marker; dark green body color

Aedes

Strain	Organism	Eye Color	Notes
COSTA RICA	<i>Aedes aegypti</i>	Wild	wild type, origin South America
LVP-IB12	<i>Aedes aegypti</i>	Wild	Liverpool, genome reference strain, inbred for genomics, origin West Africa
ROCK	<i>Aedes aegypti</i>	Wild	Rockefeller, wild type, origin North America, efficient vector for avian malaria
KHW	<i>Aedes aegypti</i>	White	transformation host stock, white eye, marker